

**FEDERAL COMMUNICATIONS COMMISSION**  
**445 12<sup>th</sup> STREET SW**  
**WASHINGTON DC 20554**

MEDIA BUREAU  
AUDIO DIVISION  
APPLICATION STATUS: (202) 418-2730  
HOME PAGE: [www.fcc.gov/mb/audio/](http://www.fcc.gov/mb/audio/)

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**JAN 18 2012**

Barry A. Friedman, Esq.  
Thompson Hine LLP  
1920 N Street, N.W., Suite 800  
Washington, D.C. 20036-1600

Re: Gow Communications, L.L.C.  
KGOW(AM), Bellaire, Texas  
Facility Identification Number: 17389  
Construction Permit: BP-20110131ARW  
License Application: BL-20111205ALL  
Program Test Authority

Dear Mr. Friedman:

This is in reference to the above-captioned license application and the request for program test authority for station KGOW(AM).

Authority is hereby granted KGOW(AM) to conduct program tests in accordance with Section 73.1620 of the commission's rules and permit, BP-20110131ARW, to operate on 1560 kHz with a daytime nominal power of 46 kilowatts. Program tests are authorized with a daytime antenna input power of 48.4 kilowatts (antenna common point current of 31.2 amperes).

Program tests must be conducted with the directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found in the specifications.

An amendment to the application must be filed to resolve the following issues:

1. The licensed 2005 measured directional field on the 56.8° radial on table 2.1 must be corrected from 635.8 mV/m to 599 mV/m and the related 2011 measured field accordingly adjusted to 617.6 mV/m.
2. The log ratio in Table 2.2 must be corrected from 0.805 to 0.825 and the related 2011 field adjusted to 368.7 mV/m.
3. The log ratio in Table 2.4 must be corrected from 1.129 to 1.123 as the 2005 measured point #12 is 21.6 mV/m and not 20.6 mV/m, and the related 2011 field must be adjusted to 113.4 mV/m.

Further action on the license application will be withheld for thirty (30) days from the date of this

letter in order to provide Gow Communications, L.L.C. with an opportunity to file a curative amendment. Failure to respond or file an amendment within this time period will result in the dismissal of the application pursuant to Section 73.3568 of the rules.

Sincerely,



Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

cc: Gow Communications, L.L.C.  
Bert Goldman

Name of Licensee: GOW COMMUNICATIONS, L.L.C.

Station Location: BELLAIRE, TX

Frequency (kHz): 1560

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 19 Min 37 Sec

Longitude: W 95 Deg 33 Min 00 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 46.0

Antenna Input Power (kW): Day: 48.4

Antenna Mode: Day: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 31.1

Resistance (ohms): Day: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1234428	
2	1234429	
3	1234431	
4	1234432	
5	1234433	
6	1234434	

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2464

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 2625

Q Factor: Day:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0870	0.000	0.0000	0.000	0	148.4
2	1.8170	4.000	214.6000	101.000	0	188.3
3	1.1970	356.000	437.8000	102.000	0	148.4
4	1.1100	97.500	89.0400	192.050	0	188.3
5	1.9160	90.000	231.1500	125.000	0	188.3
6	1.2040	80.000	436.0000	114.300	0	188.3

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	56.0	20.0	718.80
2	101.0	40.0	536.00
3	203.3	20.0	121.00
4	238.6	20.0	536.00
5	332.3	20.0	402.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-29.6	0.466
2	0	1
3	-22.9	0.481
4	103.9	0.41
5	113	0.879
6	107.2	0.334

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
56.8	7.6	54.7
101	10.29	28.2
144.3	7.23	24.3
203.3	8.98	4.8
238.6	6.96	33.7
299.1	5.35	50
332.2	4.84	46.7

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 3 The ground system for the nighttime array consists of 120 equally spaced, buried copper radials about the base of each tower, each radial 48.8 meters long except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

Special operating conditions or restrictions:

4 DAYTIME MONITOR POINT DESCRIPTIONS

56.8 ° - From intersection of FM 1462 and Brazoria County Road 526, proceed left on Brazoria 526 for 1.51 km to point located on northeast turnout at left ninety degree turn on road.

101 ° - From intersection of FM 521 and Brazoria County Road 35, proceed left on Brazoria 35 for 0.48 km to point located on south side of roadway.

144.3 ° - Point located on north side of Brazoria County Road 36, 0.5 km west of intersection with Schriewer Road.

203.3 ° - From intersection of Cow Creek Road and Brazoria County Road 255, proceed left on Brazoria 255 and proceed 0.97 km to point located on north side of roadway just before right hand bend in road.

238.6 ° - From intersection of FM 1462 and Cow Creek Road, proceed left on Cow Creek for 7.13 km to point located on west side of roadway at drive in front of cattle pens

299.1 ° - From intersection of Jungman Road and Pecan Bend Road, proceed right on Pecan Bend for 1.14 km to point located on north side of roadway at west end of brick fence.

332.2 ° - From intersection of FM 1462 and Brazoria County Road 42, proceed right on Brazoria 42 for 2.30 km to point located on east side of road 150 feet south of house on east side of road.

\*\*\* END OF AUTHORIZATION \*\*\*